

KIVETON PARK RURAL DISTRICT COUNCIL

Annual Report of the Medical Officer of Health
and the Sanitary Inspector for the year ending
31st December, 1943.

Vital Statistics.Population.

The population of Kiveton Park Rural District in 1943 was 15,050 according to the estimate of the Registrar General. This estimate is much smaller than those given for the years previous to the War, and it is also much less than the census population of 1931 which was 17,034.

Births.

The number of live births registered in Kiveton Park Rural District in 1943 was 329, of which 170 were males and 159 were females. The birth rate per thousand of the population was 21.9. This is considerably higher than the birth rate of 1942 which was 18.5 per thousand, and it is higher than the birth rates of the last seventeen years. It is also higher than the birth rate of England and Wales which was 16.5 per thousand of the civilian population. There has been no significant increase in illegitimate births in Kiveton Park as a result of the War. There were 13 illegitimate births in 1943 compared with 7 in 1942, 11 in 1941, 14 in 1940, 7 in 1939 and an average of 12 for the ten pre-war years.

Still Births.

There were 3 still births, one of which was illegitimate. The still birth rate of 0.2 per thousand of the population compared with a rate of 0.51 for England and Wales.

Death Rate.

There were 171 deaths (93 males and 78 females). The death rate was 11.4 per thousand compared with 11.0 in 1942, 10.0 in 1941, 11.2 in 1940 and 10.1 per thousand in 1939. The death rates for England and Wales for the same five years were 12.1 in 1943, 11.6 in 1942, 12.9 in 1941, 14.0 in 1940 and 12.1 in 1939.

Infantile Mortality Rate.

There were 19 deaths of infants under one year of age. One of these infants was illegitimate. The infantile mortality rate was 58 per thousand births compared with 45 in 1942, 44 in 1941, 40 in 1940 and 35 in 1939. The corresponding rates for England and Wales were 49 in 1943 and 1942, 58 in 1941, 56 in 1940 and 50 in 1939.

The following table gives a comparison between the Kiveton Park statistics and those of other districts:-

Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality and Case-rates for certain Infectious Diseases in the year 1943.

	Kiveton Park Rural District	England and Wales.	126 County Boroughs and Great Towns including London	148 Smaller Towns Pop. 25,000 - 50,000 at 1931 census	London Adminis- trative County.
Rates per 1,000 Civilian Population.					
Live Births	21.9	16.5	18.6	19.4	15.8
Still Births	0.2	0.51	0.63	0.61	0.45
DEATHS:					
All Causes	11.4	12.1	14.2	12.7	15.0
Typhoid & Paratyphoid	0.00	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.07	0.03	0.03	0.03	0.03
Diphtheria	0.00	0.03	0.04	0.04	0.02
Influenza	0.46	0.37	0.36	0.37	0.27
Small pox	---	--	--	--	--
Measles	0.00	0.02	0.02	0.02	0.02
Rates per 1,000 Live Births.					
Deaths under 1 year of age.	58	49	58	46	58
Deaths from Diarrhoea & Enteritis under 2 years of age.	0.13	5.3	7.9	4.4	10.4

	Kiveton Park Rural District	England and Wales	126 County Boroughs and Great Towns including London	148 Smaller Towns Pop. 25,000 - 50,000 at 1931 census	London Adminis- trative County.
Rates per 1,000 Civilian Population.					
Notifications					
Typhoid fever	-	0.01	0.01	0.02	0.01
Paratyphoid fever	-	0.01	0.01	0.01	0.01
Cerebro- spinal fever	0.07	0.08	0.10	0.06	0.09
Scarlet fever	8.45	3.01	3.29	3.54	3.80
Whooping cough	10.96	2.54	2.82	2.25	2.68
Diphtheria	1.52	0.88	1.12	0.77	0.74
Erysipelas	0.40	0.31	0.35	0.27	0.42
Small-pox	-	-	-	-	-
Measles	4.36	9.88	9.23	9.77	9.17
Pneumonia	2.77	1.34	1.62	1.16	1.27
Rates per 1,000 Total Births (Live and Still)					
(a) Notifications:-					
Puerperal) fever.)	3.01	11.68	15.11	9.26	3.05
Puerperal) Pyrexia.)					15.23
(b) Maternal Mortality.					
Abortion with Sepsis	0.00	0.34			
Abortion without Sepsis	0.00	0.11			
Puerperal Infections	0.00	0.39			
Other causes	0.00	1.45			

There are two unique features in the year's record which can be seen in the above table. There were only two deaths from all the notifiable infectious diseases. There was one death from whooping cough and one death from polio myelitis. There were no deaths of mothers in childbirth.

The causes of death are given in the following table:-

Causes of Death.

Cause of Death.	Males.	Females.	Total.
Whooping cough	1	-	1
Tuberculosis of the respiratory system	5	1	6
Other forms of tuberculosis	-	1	1
Syphilitic diseases	-	1	1
Influenza	4	3	7
Acute poliomyelitis and polio-encephalitis.	-	1	1
Cancer of the stomach and duodenum	2	3	5
Cancer of the breast	-	3	3
Cancer of all other sites	10	11	21
Diabetes	-	1	1
Intra-cranial vascular lesions ...	11	9	20
Heart disease	12	24	36
Other diseases of the circulatory system	1	-	1
Bronchitis	8	4	12
Pneumonia	7	3	10
Diarrhoea under 2 years	2	-	2
Other digestive diseases	-	2	2
Nephritis	3	-	3
Premature birth	3	-	3
Congenital malformation, birth injuries	-	2	2
Suicide	1	-	1
Road traffic accidents	1	-	1
Other violent causes	4	3	7
All other causes	18	6	24
All Causes ...	93	78	171

The table which follows gives the number of deaths from the most important diseases for the past ten years:-

Principal Causes of Death.

Disease.	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934
Heart Diseases	36	44	33	39	41	34	44	34	31	22
Cerebral haemorrhage & other circulatory diseases	21	23	21	21	19	18	14	10	20	6
Cancer	29	28	20	18	19	19	12	22	10	11
Bronchitis	12	5	7	14	--	3	4	6	--	6
Pneumonia	10	5	5	8	4	7	13	17	2	6
Other respiratory diseases	--	--	1	2	1	2	--	--	2	-
Tuberculosis	7	3	7	11	3	8	6	8	9	7
Influenza	7	--	3	3	1	--	10	2	2	1
Suicide	1	1	2	2	1	--	1	1	-	5
Other violence	8	8	18	11	10	9	10	13	6	5
Epidemic diseases	2	4	2	2	--	6	3	5	6	6

Deaths from chest infections were more frequent during the year and an influenza epidemic caused eight deaths.

The steady increase in deaths attributable to cancer is almost certainly due to improved methods of diagnosis.

Age Distribution of Deaths.

Age Group.	1943	1942	1941	1940	1939	1938	1937
Under 1 year	19	12	13	12	9	11	13
1 - 4 years	3	5	2	2	1	6	5
5 - 14 years	11	3	3	1	3	7	5
15 - 24 years	4	4	3	4	4	4	4
25 - 34 years	5	5	5	5	9	6	13
35 - 44 years	10	10	15	13	6	4	10
45 - 59 years	30	22	26	38	24	26	25
60 - 69 years	34	48	37	48	31	36	34
70 and over	65	59	58	51	51	47	59
Total	171	168	162	174	138	147	168

The increase in deaths since the War has been mainly in the older age groups of the population.

Deaths from Violence.

There were nine deaths from violence, including one suicide and one road accident.

Tuberculosis.

	Pulmonary	Non-Pulmonary	Total.
Tuberculosis cases on Register on 31st December, 1942.	51	24	75
Tuberculosis cases on Register on 31st December, 1943.	53	24	77
Cases removed from Register during 1943.	12	2	14
Tuberculosis Notifications, 1943	14	2	16
Deaths from Tuberculosis, 1943.	6	1	7

Notifiable Diseases.

Disease.	Cases notified.		Cases admitted to the Isolation Hospital.		Total Deaths.	
	1943	1942.	1943.	1942.	1943	1942
Scarlet fever	128	51	112	44	-	-
Diphtheria	23	38	23	37	-	2
Pneumonia	42	49	-	-	10	5
Cerebro-spinal fever	1	6	1	6	-	1
Acute Poliomyelitis	2	1	-	1	1	-
Erysipelas	6	3	-	-	-	-
Measles	66	117	1	-	-	-
Whooping cough	166	5	-	-	1	-
Respiratory Tuberculosis	14	6	-	-	6	3
Other forms of Tuberculosis	2	7	-	-	1	-
Puerperal Pyrexia	1	3	-	-	-	-
Enteric Fever	-	1	-	1	-	1

There was an increase in the incidence of scarlet fever and whooping cough and a fall in the number of cases of diphtheria and measles.

Area Distribution of Infectious Diseases.

Parish...	Number of Cases Notified.								
	Scar- let Fever	Diph- theria	Cerebro Spinal Fever	Pneu- monia	Meas- les	Whoop- ing Cough	Puer- peral Pyrexia	Ery- sip- elas	Acute Polio- myeli- tis.
Anston	5	13	-	6	11	6	1	1	-
Dinnington	93	8	1	31	28	84	-	4	-
Firbeck	1	1	-	-	-	1	-	-	-
Gildingwells	-	-	-	-	-	-	-	-	-
Harthill	4	-	-	-	3	4	-	1	-
Letwell	-	-	-	-	-	-	-	-	-
St. John's with Throopham	3	-	-	3	-	5	-	-	-
Thorpe Salvin	2	-	-	-	13	-	-	-	-
Todwick	-	-	-	-	-	2	-	-	1
Wilso	19	1	-	1	11	55	-	-	1
Woodsotts	1	-	-	1	-	9	-	-	-
Total	128	23	1	42	66	166	1	6	2

Diphtheria Immunisation.

600 children were immunised against diphtheria in 1943, compared with 572 in the previous year.

375 children were immunised by the Medical Officer of Health in the schools. These included 80 children under 5 years of age. 147 children were immunised at Child Welfare Centres, 56 by private practitioners and 22 children were immunised at the Infectious Diseases Hospital.

There were 23 cases of diphtheria during the year and no deaths. None of these cases had been immunised.

The numbers immunised in the various schools were as follows:-

School.	Number of Children Immunised.
Anston Council J.M. & I. School.	55
Dinnington Modern School, Boys' Dept.	25
Dinnington Modern School, Girls' Dept.	32
Dinnington Council J.M. School.	52
Dinnington Council Infant School.	104
Cholmsford Technical Institute, Dinnington.	15
Harthill Council M. & I. School.	9
Kiveton Park Council M. School.	18
Kiveton Park Council I. School.	14
Thorpe Salvin Council M. & I. School.	13
Todwick C. of E. School.	-
Wales Council M. School.	4
Wales Council Infant School.	23
Woodsetts Council J.M. & I. School.	11
Total	375

Scabies.

The treatment centre for scabies cases at Swallownest Isolation Hospital dealt with 17 patients from Kiveton Park Rural District during 1943. Patients were conveyed to the hospital by ambulance. They were given baths in the discharge block and their clothing was disinfected by steam. They were then given benzyl benzoate applications and returned home by ambulance. Treatment at the Isolation Hospital was mainly restricted to the most severe cases.

An additional treatment centre was opened at the Dinnington First Aid Post, where 159 cases were treated. Patients attended the treatment centre and were given spray baths and benzyl benzoate applications by the full-time First Aid Staff.

There was a striking reduction in the number of scabies cases reported towards the end of the year. There is every hope that this disease, which has affected several hundred people in the district, will be practically eliminated.

Treatment of the disease with sulphur ointment three years ago was extremely unsatisfactory and large numbers of the cases at that time suffered from severe forms of dermatitis due to sulphur treatment. This complication is avoided with benzyl benzoate, cases are cured more quickly, and long absences from school are avoided.

The following particulars have been supplied by
Mr. L.B. Goddard, Sanitary and Housing Inspector:-

Nuisance Inspections.

Total number of inspections made in 1943 for nuisances	-	563
Nuisances found in 1943	...	358
Nuisances in hand at the end of 1942	...	5
Total requiring abatement	...	363
Abated during 1943	...	350
Notices served - Informal	...	304
Notices served - Statutory	...	59
Informal notices complied with	...	291
Statutory notices complied with	...	59

Regulated Buildings, Trades etc. in District.

						Number of Inspections.
Common Lodging Houses	...	1	...	...	...	15
Tents, Vans and Sheds	...	7	...	...	...	36
Offensive Trades	...	2	16

Drainage and Sewerage.

Number of houses not connected to sewers	330
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Closet Accommodation.

Number of water closets	4,332
Number of pail closets	240
Number of privies with open middens	...	...	...	25
Number of privies with covered middens	...	...	...	212

Scavenging.

Public scavenging is in operation in the district except
in the parish of Gildingwells.
Total annual cost of collection and disposal of refuse - £4,860.

Water Supply.

Number of dwelling houses on water supply	...	...	4,379
Number of chemical examinations	...	...	4
Number of bacteriological examinations	...	...	8
Results	...	...	All good.

Milk Supply.

Number of milk samples taken for analysis	...	...	4
Number found adulterated	...	...	None
Number of cowkeepers in the district	...	...	83
Number of cowsheds	...	...	130
Total number of milk cows	...	...	896
Number of cowshed inspections	...	...	387
Number of wholesale traders registered	...	...	47
Number of retail milk sellers registered	...	...	51

Milk (Special Designations) Regulations 1936 - 1942.

Licences for the production of 'tuberculin tested' milk	None
Licences for the production of 'accredited' milk	5
Samples of 'accredited' milk - Satisfactory	13
Unsatisfactory	4

Meat Inspection.

Private slaughterhouses - 10 (9 registered and 1 licensed).
These were not in use during the year.

Bakehouses.

Number of bakehouses in the district	5
Total inspections	30

Shops Act 1934. Sections 10 and 13 (3).

Number of visits paid under the Act during 1943 ...	19
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JOHN M. WATT, M.D., D.R.C.O.G., D.C.H., D.P.H.

Council Offices,

Kiveton Park,

Nr. Sheffield.

20th July, 1944.